

OSCILLOSCOPE PROBING SOLUTIONS

RSH2 Remote Sampling Head

Clean Probing of Parallel Buses



12 Active Probes Integrated Into a Clean, Shielded Form Factor

Introspect’s multi-conductor MIPI probe solution provides a simple connectorized interface for easy attachment to parallel high-speed buses. Whereas multiple probes often result in a messy and overwhelming workspace, or whereas signals are in hard-to-reach areas, the RSH2 Remote Sampling Head enables a super clean signal probing setup.

KEY FEATURES:

- **Active Probing Solution:** high input impedance and active signal amplification
- **Shielded From EMI Issues:** all active components are shielded from external electromagnetic signals
- **Standard 50 Ohm Co-Axial Output Interface:** compatible with any 50 Ohm instrument

KEY BENEFITS:

- **Minimized Loading:** especially useful for low-voltage applications such as MIPI or Embedded DisplayPort
- **Low Noise:** enables high-reliability protocol analysis or bit error rate testing
- **Multiple Connection Modes:** permanent or temporary attachment to DUTs

Typical Application: Form Factor Probing of eDP-Based Designs



The RSH2 and SV5C-eDP Analyzer setup to probe an Embedded DisplayPort design

KEY PERFORMANCE PARAMETERS

PARAMETER	VALUE	DESCRIPTION
Rise Time	35 ps	20%-80% value
Linearity	50 dB	Spurious free dynamic range measured at 5 MHz and across entire voltage range
Power Dissipation	0.8 W	Operating at room temperature without cooling
Standard Solder-In Tip		
Input Impedance	700 Ω	
Linear Range	-0.8 V to 1.0 V	
Maximum Voltage Range	-0.9 V to 1.2 V	

Obtain the most reliable C-PHY signal measurements with the RSH2 Remote Sampling Head

